

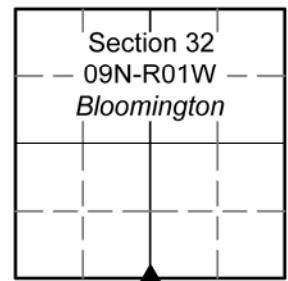
# MONUMENT RECORD

Corner ID: **Blm\_G25**

## Quarter Corner

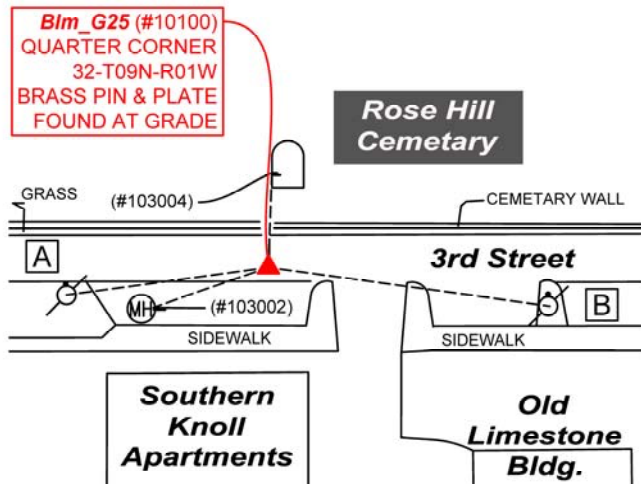
Section 32- T09N-R01W, 2nd P.M.

Bloomington Township, Monroe County, Indiana



**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
Found Brass Spike and Plate slightly below grade 3' north of centerline of W. Third St.

### MONUMENT LOCATION SKETCH:



### WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION
Witness A	S 82d W	88.3'	Mag nail and washer set 0.25' above grade on the north side of an 11" power line pole.
Witness B	S 82d E	123.0'	Mag nail and washer set 0.25' above grade on the north side of an 11" power line pole.

### MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Geodetic coordinates in this table are provided in the format Easting, Northing.

(#103002)	S 70d26'9" W	52.83'	Found cut "X" on east rim of Manhole as per Pt. C on 1998 monument record.
(#103004)	N 2d4'29" E	40.84'	Found "CALAHAN" Grave Monument as per Pt. D on 1998 monument record. The point was captured from the center of base on the west side.



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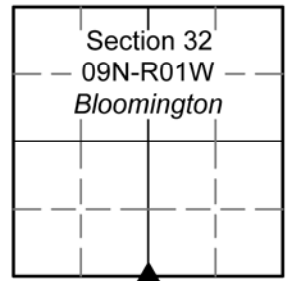
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**PHOTO IDENTIFIED:** Photo Date: 05/11 & 5/16/2022



Photo Orientation & Description: Blm\_G25 from above



Photo Orientation & Description: Blm\_G25 prior to asphalt leveling.



Photo Orientation & Description: Looking east at Blm\_G25



Photo Orientation & Description: Looking west at Blm\_G25

**ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND:** Include, search area or areas, search procedure, etc.

Date of Field work/Search: 05/11/2022 & 05/16/2022 By: JG & HJ Monument Found: Brass Pin and Brass Plate BTs or Reference Objects Found: Found Witnesses C & D from 1998 monument record Project #: Blm\_G25 Field Book: 54/58 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b\_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a Leica Disto laser distance meter. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.



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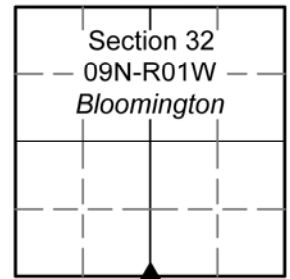
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**OTHER EVIDENCE:** Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

Monument is +/- 182' northwest from W Third St.'s intersection with Walker St and offset monument Per\_G01. MCSO was unable to locate Per\_G01. Blm\_G25 is also located towards the east side of Southern Knoll Apartments.

**MONUMENT PRESERVATION:** Describe work done to preserve existing monument.

The MCSO found the monument in good shape and firmly in place but witnessed car tires impacting it. MCSO packed asphalt under the plate to protect future buckling and preventing the brass spike from obtaining any torque and weakening its hold within the road. Geodetic controls were captured for the monument, along with the grave marker (#103004) and the cut "X" on the manhole rim (#103002). The cut "X" on the manhole rim was retraced for clarity and perpetuity. Two new witnesses were set.

**THEORY OF LOCATION:** Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.

On October 7, 1959, John G. Sanford set an iron pipe as per a survey by Stephen Ramsey, Seminary 179 (1992), on file at the Surveyor's Office as RSID004810. On January 21, 1998, Monroe County Surveyor, Kevin Enright, found the crimped iron pipe painted orange 7" below the blacktop surface. Mr. Enright set a brass spike and plate and it was approved by the Surveyor Review Board sometime after that. Subsequently, at an undetermined time, Monroe County Surveyor, Steven V. Farkas, witnessed the brass spike and plate as well. References on File: Jacob E. Fitzsimmons survey, Location Route Control Survey for B-Line Trail Extension & Multi-Use Path (2020), on file at the Recorder's Office as 2020006009.IN and a Todd M. Borgman survey (2020), Boundary Survey for 231 S. Adams St, on file at the Recorder's Office as 2020013959.IN. Historic research has not yet been performed to prove the validity of this monument.

### CERTIFICATION:



Date: 10/25/2022  
Trohn Enright – Randolph  
Monroe County Surveyor



Date: 10/25/2022  
Donna Barbrick  
Monroe County Surveyor Review Board Secretary



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